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PATENT

Attorney Docket No. ZIN-002

iAP20 REG. MAIL PTO 23 JUN 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Penty *et al.*
SERIAL NO.: National Stage of GROUP NO.: Not yet assigned
 PCT/GB2004/005287
FILING DATE: December 17, 2004 EXAMINER: Not yet assigned
TITLE: *Multiservice Optical Communication*

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

FIRST INFORMATION DISCLOSURE STATEMENT

In accordance with the provisions of 37 C.F.R. 1.97 and 1.98, Applicants hereby make of record the patents and publications listed on the accompanying Form PTO-1449, and other information contained herein, for consideration by the Examiner in connection with the examination of the above-identified patent application. An International Search Report for International Patent Application No. PCT/GB2004/005287 is cited under C2, and a written opinion for International Patent Application No. PCT/GB2004/005428 is cited under C3.

In accordance with 37 C.F.R. 1.98(a)(2), only copies of the foreign patent documents and non-patent publications are enclosed. **REMARKS**

In accordance with the provisions of 37 C.F.R. 1.97, this statement is being filed (CHECK ONE):

- ☒ (1) within three (3) months of the **filing date** of a national application other than a continued prosecution application under 37 C.F.R. 1.53(d), or within three (3) months of the **date of entry of the national stage** as set forth in 37 C.F.R. 1.491 in an international application, or before the mailing of the **first Office action** on the merits, or before the mailing of a **first Office action** after the filing of a request for continued examination under 37 C.F.R. 1.114; or
- ☐ (2) after the period defined in (1) but before the mailing date of a **final action** or a **notice of allowance** under 37 C.F.R. 1.311, and
- ☐ the requisite Statement is below, **OR**
- ☐ the requisite fee under 37 C.F.R. 1.17(p), namely **\$180.00**, is included herein, or

10/584392

AP20 Rec'd PCT/PTO 23 JUN 2006

- ☐ (3) after the mailing date of a **final action** or **notice of allowance** but before the payment of the **issue fee**, **AND**
- ☐ the requisite Statement is below, **AND**
- ☐ the requisite petition fee under 37 C.F.R. 1.17(p), namely **\$180.00** is included herein.

It is respectfully requested that each of the patents and publications listed on the attached Form PTO-1449, and other information contained herein, be made of record in this application.

STATEMENT

As required under 37 C.F.R. 1.97(e), Applicant(s), through the undersigned, hereby state either that **[check the appropriate space only if either (2) or (3) is checked on the previous page and the Statement is required]**:

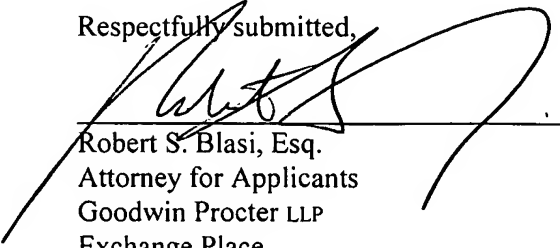
- ☐ 1. Each item of information contained in the Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application **not more than three months** prior to the filing of the Information Disclosure Statement; or
- ☐ 2. No item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this Statement after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to **any individual** designated in 37 C.F.R. 1.56(c) **more than three months** prior to the filing of the Information Disclosure Statement.

Date: June 23, 2006
Reg. No. 50,389

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VER 11/03

Respectfully submitted,


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SHEET 1 OF 1

FIRST FORM PTO - 1449 INFORMATION DISCLOSURE STATEMENT				ATTORNEY DOCKET NO.: ZIN-002 APPLICANT(S): <i>Penty et al.</i> SERIAL NO.: 10/584392 National Stage of PCT/GB2004/005287 FILING DATE: December 17, 2004 GROUP: Not yet assigned					
U.S. PATENT DOCUMENTS									
EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE		
	A1	2002/021469	2/21/02	Cunningham et al.					
FOREIGN PATENT DOCUMENTS									
EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)
	B1	WO 04/056019	7/1/04	GB					Y
	B2	2399963	9/29/04	GB					Y
OTHER ART, JOURNAL ARTICLES, ETC.									
EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)								
	C1	Wake, D. <i>et al.</i> : "Radiofrequency transmission of 32-QAM signals over multimode fibre for distributed antenna system applications" Electronic Letters, IEE STEVENAGE, GB, vol. 37, no. 17, August 16, 2001, pp. 1087-1089.							
	C2	International Search Report for International Patent Application Serial No. PCT/GB 2004/005287 (4 pages).							
	C3	Written opinion for International Patent Application No. PCT/GB 2004/005287 (6 pages)							
	C4	Raddatz, L. <i>et al.</i> : "An experimental and theoretical study of the offset launch technique for the enhancement of the bandwidth of multimode fiber links", ITWAVE TECHNOLOGY, vol. 16, no 3, March 1998. (8 pages)							
EXAMINER					DATE CONSIDERED				